

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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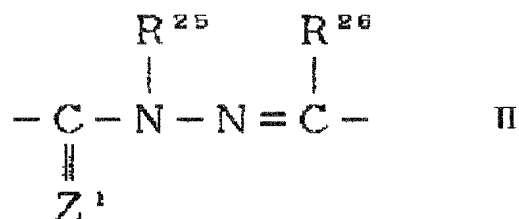
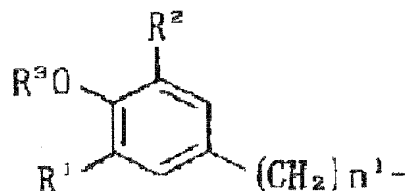
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APPLICANT : NISSHIN FLOUR MILLING CO LTD;

INVENTOR : SHIBAYAMA RIE;

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TITLE : ACYLHYDRAZONE DERIVATIVE



ABSTRACT : PROBLEM TO BE SOLVED: To obtain the subject new compound useful as a Maillard reaction inhibitor, an active oxygen-resistant medicine, a medicine for various kinds of diabetic complications, a medicine for senile diseases and the like.

SOLUTION: A compound of the formula: X-W-Y {X is a group of formula I [R¹ and R² are each a 1-4C alkyl; R³ is H or a 1-4C alkyl; (n¹) is 0-2] or the like; Y is furyl, thienyl, pyrrolyl or the like; W is formula II (R²⁵ and R²⁶ are each H or a 1-4C alkyl; Z¹ is O or S) or the like}, e.g. benzaldehyde-3,5-di-t-butyl-4-hydroxybenzoyl hydrazone. The compound of the formula is obtained e.g. by reacting 3,5-ti-t-butyl-4-hydroxybenzhydrazide with benzaldehyde in ethanol at room temperature for 24 hr with agitation, distilling off the solvent, adding isopropyl ether, depositing the crystals, and subsequently filtering off the crystals, while using a column chromatography using silica gel or the like as a carrier, methanol and the like complication.

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